



B \$  
EFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/067075 Confirmation No. 4068  
Applicant : Toshihiro Omi Filed: February 4, 2002  
TC/A.U. : 2877  
Examiner : David C. Meyer  
Title : EMITTING LIGHT SOURCE APPARATUS FOR USE IN  
OPTICAL ENCODER  
Docket No. : NGB-12970 Customer No.: 40854

**INFORMATION DISCLOSURE STATEMENT**  
**(Filed Under 37 CFR §1.97(d))**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

In accordance with Rule 56, applicant is aware of the publications listed in the Japanese Office Action dated February 24, 2004 (copy enclosed) and in the enclosed copy of Patent Office Form PTO/SB/08A. A copy of each of the publications is enclosed herewith.

Each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. For the Examiner's reference, attached is a copy of the Office action from the JPO dated February 24, 2004 in which these three references were brought to the applicants attention.

In accordance with 37 CFR §1.97(d), enclosed herewith is a check for \$180 in satisfaction of the fee under 37 CFR §1.17(p). If further fees are required, please charge same to Deposit Account No. 18-0160, our Order No. NGB-12970.

05/11/2004 AADDF01 00000117 10067075

01 FC:1806

180.00 OP

Respectfully submitted,

RANKIN, HILL, PORTER & CLARK LLP

By

  
David E. Spaw, Reg. No. 34732

4080 Erie Street  
Willoughby, Ohio 44094-7836  
(216) 566-9700

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

  
Signature of Person Mailing Paper

5/5/04  
Date

David E. Spaw  
Printed Name of Person Mailing Paper

Substitute for form 1449/PTO

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	1
-------	---	----	---

**Complete if Known**

Application Number	10/067075
Filing Date	2/4/2002
First Named Inventor	Toshihiro Omi
Art Unit	2877
Examiner Name	David C. Meyer
Attorney Docket Number	NGB-12970

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		JP 01-097813	04/17/1989	Mitsutoyo Corp.		
		JP 07-167676	07/04/1995	Pilips Electron		
		JP 05-079854	03/30/1993	Mitsubishi Elec		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.